

WEST Search History for Application 10577367

Creation Date: 2010031615:18

Prior Art Searches

| Query | DB | Op. | Plur. | Thes. | Date |
|--|---|-----|-------|-------|------------|
| 6284696.pn. or 20040133019.pn. | PGPB, USPT | ADJ | YES | | 03-16-2010 |
| catalyst and sol gel and (perruthenate or tpap) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (catalyst and sol gel and (perruthenate or tpap)) and (perfluor\$ or organofluor\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (catalyst and sol gel and (perruthenate or tpap)) and (perfluor\$ or organofluor\$ or fluor\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (catalyst and sol gel and (perruthenate or tpap)) and (perfluorin\$ or organofluorin\$ or fluorin\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$)) and (teor or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) | PGPB, USPT, USOC, EPAB, JPAB, | ADJ | YES | | 03-16-2010 |

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|--|------------------------------------|-----|-----|--|------------|
| | DWPI | | | | |
| (sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$)) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)) | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| L\$fluoropropyl\$silane and sol gel and catalyst | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane and sol gel and catalyst | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (\$fluoropropyl\$silane and sol gel and catalyst) not (sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)) | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (\$fluoropropyl\$silane and sol gel and catalyst not sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)) and catalyst.ab. | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (\$fluoropropyl\$silane and sol gel and catalyst not sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)) and (tpap or perruthenate) | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane and (tpap or perruthenate) | USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane and (tpap or perruthenate) | PGPB, USPT, | ADJ | YES | | 03-16-2010 |

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| | USOC, EPAB, JPAB, DWPI | | | | |
| \$fluoropropyl\$silane and aerobic near5 oxidation | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane and oxidation | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane and oxidation with catalyst | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ("2007/0191566" "20070191566")[URPN] | USPT | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (\$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation) not (\$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (\$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation not \$fluoropropyl\$silane same (condens\$ or sol gel or teos | PGPB, USPT, USOC, EPAB, | ADJ | YES | | 03-16-2010 |

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|--|------------------------------------|-----|-----|--|------------|
| or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst) not (\$fluoropropylsilane and oxidation with catalyst) | JPAB, DWPI | | | | |
| sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$)) and oxidat\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) and oxidat\$) not (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) and oxidat\$) not (\$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation not \$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst not \$fluoropropylsilane and oxidation with catalyst) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) and oxidat\$ not \$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation not \$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst not \$fluoropropylsilane and oxidation with catalyst) not (\$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) and oxidat\$ not \$fluoropropylsilane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |

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|--|---|-----|-----|--|------------|
| <p>tetraethoxysilane) and oxidation not \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst not \$fluoropropyl\$silane and oxidation with catalyst not \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst) not (sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane))</p> | JPAB, DWPI | | | | |
| <p>(sol gel with catalyst with (perfluorin\$ or organofluorin\$ or fluorin\$) and oxidat\$ not \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation not \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst not \$fluoropropyl\$silane and oxidation with catalyst not \$fluoropropyl\$silane same (condens\$ or sol gel or teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane) and oxidation with catalyst not sol gel same catalyst same (perfluorin\$ or organofluorin\$ or fluorin\$) and (teos or tetraalkoxysilane or tetramethoxysilane or tetraethoxysilane)) not (\$fluoropropyl\$silane and oxidation with catalyst)</p> | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| <p>ormosil same (perfluorin\$ or organofluorin\$ or fluorin\$)</p> | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| <p>(tpap or perruthenate)</p> | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| <p>(tpap or \$propylammonium perruthenate)</p> | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| <p>((tpap or \$propylammonium perruthenate)) and catalyst with oxidation</p> | PGPB, USPT, | ADJ | YES | | 03-16-2010 |

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| | USOC, EPAB, JPAB, DWPI | | | | |
| ((tpap or \$propylammonium perruthenate) and catalyst with oxidation) and (tpap or \$propylammonium perruthenate).ab. | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((tpap or \$propylammonium perruthenate) and catalyst with oxidation) and catalyst.ab. | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((tpap or \$propylammonium perruthenate) and catalyst with oxidation) not ((tpap or \$propylammonium perruthenate) and catalyst with oxidation and catalyst.ab.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((tpap or \$propylammonium perruthenate) and catalyst with oxidation not (tpap or \$propylammonium perruthenate) and catalyst with oxidation and catalyst.ab.) not ((tpap or \$propylammonium perruthenate) and catalyst with oxidation and (tpap or \$propylammonium perruthenate).ab.) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| (528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst) and \$fluoro\$silane | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst and \$fluoro\$silane) not coating | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |

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| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst) not coating | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst not coating) not ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst and \$fluoro\$silane not coating) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst) and catalyst.ab. | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |
| ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst and catalyst.ab.) not ((528/39).ccls. and ((528/42).ccls. or perfluorin\$ or organofluorin\$ or fluorin\$) and catalyst not coating) | PGPB, USPT, USOC, EPAB, JPAB, DWPI | ADJ | YES | | 03-16-2010 |